3/130/60/000/04/04/006

AUTHOR:

Zuyev. P.P. Chief of Rolling Department

TITLE:

Rolling of High-Speed Cutting Steel into Square Profiles

PERIODICAL:

Metallurg, 1960, No. 4, pp. 30 - 31

Steel for high-speed outting belongs to steels with a narrow plasticity range. To obtain squares of an accurate shape without fissures along the edge an adequate assortment of gages and a proper rolling method is of great importance. In the article various technologies of rolling, as developed by Elektrostal Plant are described. These have resulted in the desired improvement of the products but on the other hand also in the reduction of the productivity of the mill in increased loss of metal in the form of scale and increased thickness of decarbonized layer. These drawbacks have been eliminated by a new technology developed by the workmen of the Plant, which consists of a combined rolling system providing for the following successive profiles: rhomb - rhomb - oval- circle - rhomb - rhomb, as shown in the Diagram; the finished profile on the final line provides for rhombsquare. This system works satisfactorily due to the fact that the oval and round gages bring about a shift of the fast cooling edges formed by the previous rhomb

Card 1/2

Rolling of High-Speed Cutting Steel into Square Frofiles

gages, first in the directions of the oval and then by the cirqumference of the
circular gage, with the result that in the following rhomb gage the edges are
formed in new places. The new technology does away with intermediate heating,
while maintaining the same number of passes. The edges of the final square profile
are clean-cut and free from any cracks and fissures. There is I diagram.

ASSOCIATION: Zavod Elektrostal' (Elektrostal' Flant)

Card 2/2

SOV/130-58-11-11/16

AUTHOR: Zuyev, P.P.

事例注意转動核型與抗發素核性的基础 6年在拉拉拉的是引起光波的生涯的特别和在100mm and com-

Reducing Rejects Due to Hardening Cracks (Snizheniye

TITLE: Reducing Rejects but to martening braka po zakalochnym treshchinam)

PERIODICAL: Metallurg, 1958, Nr 11, pp 34 - 37 (USSR)

ABSTRACT: Steels produced at the "Elektrostal" "works include many of the pearlite-martensite and martensite classes (eg. 3khl3, 4khl3, R9, R18, I 347, KhVG, Khl082M, Kh982, Khl2, Kh12M) and tend to form cracks (Fig. 1), on rapid cooling khl2M) and tend to form cracks (Fig. 1), on rapid cooling in the rolled state. For slow cooling from 700-900°C the metal is placed in insulated containers some of which are oil fired and others not fired (Fig. 2). Analysis of rejects due to cracks showed that the main sources were R9 and R18 coiled steels cooled in the fired pits and rods of 3kh13, 4kh13 and kh1082M steels cooled in the unfired ones, the cause being insufficient slowness of cooling. The author describes the former fired-pit practice. Tests with 9 mm rounds of R9 steel showed that in the middle and bottom parts cooling rates were rapid: extra burners and a flue were provided and the practice was

Card 1/2 modified to raise the temperature before charging to over 8500C (instead of 600), the temperature on charging being

Reducing Rejects due to Hardening Cracks SOV/130-58-11-11/16

7000C (metal at over 500) and soaking being carried out for three hours at 8000C. The adoption of these measures completely eliminated cracks in R9 and R18 coiled steels. For the unfired pits 0-55 mm square or round bars of these steels are now charged at over 6500C, cooled for over 24 hours and discharged at a temperature below 100°C; they are transported to the heat treatment shop not more than 12 hours after unloading and are charged into the heat-treatment furnace not over 16-24 hours later. Special procedures are adopted for rolled products of the 600 mill and for 3 Kh13 - 4Kh13 steels intended for rolling in a light section mill. There are 2 figures.

ASSOCIATION: Zavod "Elektrostal'" ("Elektrostal'" Works)

Card 2/2

S/132/60/000/002/010/012 A161/A029

AUTHOR:

Zuyev, R.N.

TITLE:

Compound Dies With Unkeying Devices

PERIODICAL: Kuznechno-shtampovochnoye proizvodstvo, 1960, No. 2, pp. 40 - 42

TEXT: Design and operation of three compound dies used at Gor'kovskiy avtomobil'nyy zavod (Gor'kiy Automobile Plant) are described in detail and illustrated by detailed drawings. The dies are of the consecutive-operation type, in which the operations are performed in sequence in the vertical plane (instead of the horizontal plane) and have two independent work sections (in the upper or in the bottom plate) one of which performs the operation whilst the other is keyed. Both operations are performed during the down-stroke of the plunger. The unkeying of the second section is forced and the keys are returned by springs into the keying position during the return plunger stroke. Some parts can be produced in a single die. The first of the three dies described is a blanking die (Fig. 1) for wasteless stamping of plates with chamfered angles. It has eliminated burrs which were formerly caused by inaccurate feed of metal strip and cocking in the second die groove. The second is a die for tucking in flanges, i.e.,

Card 1/2

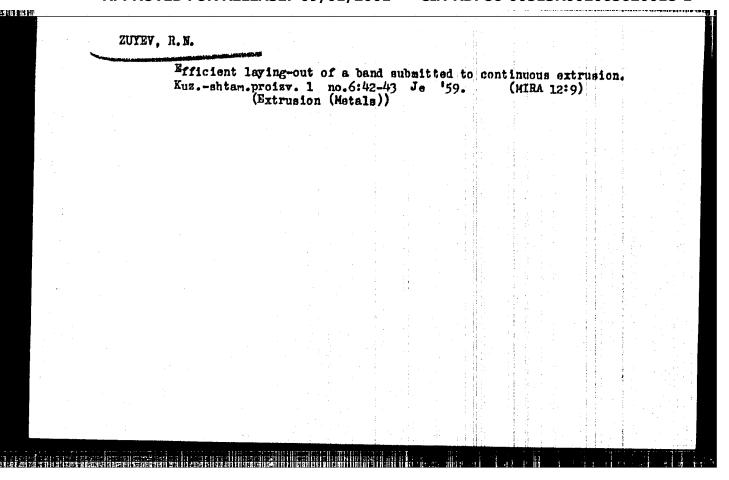
Compound Dies With Unkeying Devices

8/182/60/000/002/010/012 A161/A029

bending the flange edge 90° from the vertical into horizontal position (Fig. 2). It is used for making part flanges rigid, and in assembly (e.g., of the inner and outer automobile door panels). Tucking-in is possible on straight, as well in different purpose dies: 1) For punching holes in flanges on an extruded cup or a bent bracket; 2) for shaping a cavity and punching a hole in it (without number of other operations. Figure 3 illustrates the application to extruding a be concentrical and the concentricity error must not exceed 0.1 mm. The keying sides, to eliminate slanting of the ejector ("3" in the drawing). There are 3

Card 2/2

建筑 開



MOGENDOVICH, M.R., prof., red.; ZUYEV, R.V., red.; GEVKIMAN, K.L., red.

[Materials of the First Scientific and Practical Conference on Physical Education, Sports, Medical Inspection, and Exercise Therapy] Materialy Pervoi nauchno-prakticheskoi konferentsii po fizicheskomi vospitaniiu, sportu, vrachebnomi kontroliu i lechebnoi fizicheskoi kul'ture. Perm', Permskoe otd-nie Vses. nauchno-med. ob-va po vrachebnomi kontroliu i lechebnoi fizicheskoi kul'ture, 1963. 78 p.

(MIRA 1717)

1. Nauchno-prakticheskaya konferentsiya po fizicheskomu vospitaniyu, sportu, vrachebnomu kontrolyu i lechebnoy fizicheskoy kul'ture, 1st, 1963. 2. Glavnyy vrach Permskogo oblastnogo vrachebno-fizkul'turnogo dispansera (for Geykhman). 3. Permskiy meditsinskiy institut (for Mogendovich).

	How miners	participa	ate in mine	management	. Mast. ugl.	7 no.2:3-4 (MIRA 11:3)
	1. Machal's	nik shakh (Coal :	ty "Bokovo-l mines and m	Platovskaya ining) (M	kombinata i ino manageme	Donbassantrat nt)	eit.
See			4				
		· • • • •					
	±.						
		•					
	u fi de						
							1

BEREZIN, Boris Vasil'yevich; ZUYEV, S.D., retsenzent; UKHOV, L.P., red.; KRYZHOVA, M.L., red.izd-va; MAL'KOVA, M.T., tekhn.red.

[Repair of the equipment of by-product coke plants]Remont kokso-khimicheskogo oborudovaniia. Sverdlovsk, Metallurgizdat, 1962.

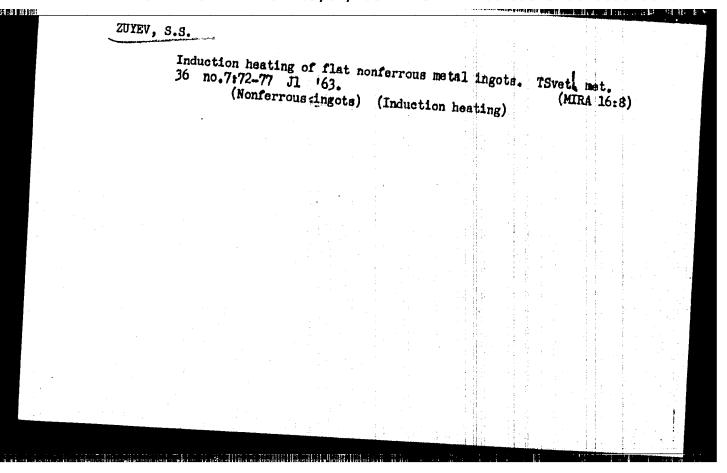
(237 p. (Coking plants—Equipment and supplies) (MIRA 16:1)

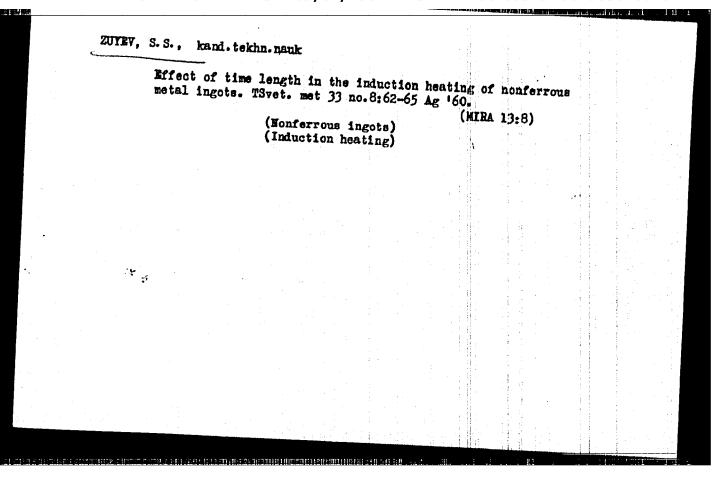
Workers of our mine are struggling for working safety. Besop.truda
v prom. 2 no.10:23-24 0 '58. (MIRA 11:11)

1. Nachal'nik shakhty "Bokovo-Platovskaya" Luganskogo sovnarkhoza
(for Zuyev). 2. Zamestitel' glavnogo inshenera shakhty "BokovoPlatovskaya" Luganskogo sovnarkhoza (for Surba).
(Donets Basin—Coal mines and mining—Safety measures)

ZUYEV, S. S., Cand Tech Sci (diss) -- "A study of heating time of nonferrous metals with heat evolved in them by induction". Macow, 1960. 12 pp (Min Higher and Inter Spec Educ RSFSR, Inst of Nonferrous Metals in M. I. Malinin), 150 copies (KL, No 10, 1960, 130)

新記制量





ZUYEV, S.S.

137-58-5-10046

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 5, p 166 (USSR)

Berman, S.I., Krapukhin, V.V., Zuyev, S.S. AUTHORS:

Continuous Sequence Anneal of Nonferrous Semifabricated Pro-TITLE: ducts by High-frequency Current (Nepreryvno-posledovatel nyy otzhig polufabrikatov iz tsvetnykh metallov tokami vysokov

chastoty)

PERIODICAL: Byul. tsvetn. metallurgii, 1957, Nr 9, pp 25-29

ABSTRACT: Experiments in the HF anneal (A) of wire, rod, and tubing of nonferrous metals and alloys were conducted under laboratory and shop conditions. HF A was conducted with L62, Cu, manganin, Ni, chromel, and other alloy wires. The equipment, the ductors (I) used for heating, and the treatment procedure are described. Uniform heating of the wire was attained in an I in the form of two parallel Gu tubes of 8 mm diameter, or with elliptical Gu tubing. The wire goes into the I at controlled speed, so that the individual pieces do not touch each other. The length

of time the wire spent in the I varied between 1.72 and 24 sec, depending on diameter and composition. In all instances, the Card 1/2 mechanical properties of the wire met standard requirements

PRINTER

137-58-5-10046

was contract working and indicate in the late of the l

Continuous Sequence Anneal (cont.)

after HF A. The microstructure of longitudinal and cross sections of the wire was uniform, grain size being 10-12 microns. Continuous sequence heating of brass and Cu rods was performed on an equipment for case-hardening of rolls, with a 2000-kc current. Tubes were A in a pilot-plant setup, the generator of which produced a 2650-cps current. A roller conveyor with driven rollers was adapted to transport the tubes through the 1. The experiments showed that quired in ordinary A in resistance furnaces. Thus, the heating of L62 brass of metal in HF annealing of brass and Ni tubing is negligible.

1. High frequency heating--Applications 2. Metals--Heat treatment

Card 2/2

PER EN FOR

"APPROVED FOR RELEASE: 09/01/2001 CIA-F

CIA-RDP86-00513R002065620018-1

ZUYEV, S.S., kand. top'. nauk; KRASNOV, P.V., inzh.; 3CHASTLIVTSEV,

N.S., inzh., SHIKHLETEV, A.I., inzh.

Radio frequency welding of nonferrous metal pipe. Avtom. svar.
17 no.11:78-81 N'64 (MIRA 18:1)

1. Gosudarstvennyy nauchno-issledovatel'skiy i proyektnyy institut splavov i obrabotki tsvetnykh metallov (for Zuyev).

S. Kirovskiy zavod obrabotki tsvetnykh metallov (for Zuyev).

Schastlivtsev, Shikhaleyev).

52402

B/136/60/000/08/004/008 E193/E183

18.7100

Zuyev, S.S. (Candidate of Technical Sciences)

AUTHOR:

Influence of the Duration of the Heating Cycle in

TITLE: Influence of the buration of Non-Ferrous Ingots

PERIODICAL: Tsvetnyye metally, 1960, No 8, pp 62-65

TEXT: Short duration of the heating cycle is one of the main advantages of induction heating when applied for pre-heating ingots advantages of induction heating when applied for pre-heating ingots rate of induction heating can be increased is limited by the rate of induction heating can be increased is limited by the rate of induction heating can be increased is limited by the rate of induction heating can be increased is limited by the surface and maximum permissible temperature difference between the surface and the interior of the billet, both during the actual heating and at the moment at which the hot-working operation begins. The present the moment at which the hot-working operation begins. The present the heating cycle, derives several semi-empirical formulae for the heating cycle, derives several semi-empirical formulae for brass L62 and nickel, and proposes the following method of calculating various parameters of the induction heating process for calculating various parameters of the induction heating process for the equipment operating at a frequency of 2650-2500 cycles/sec: the equipment operating at a frequency of 2650-2500 cycles/sec: of the ingot and its interior is calculated from the equation (and 1/3)

85705

\$/136/60/000/08/004/008

E193/E183

Influence of the Duration of the Heating Cycle in Induction Heating of Non-Ferrous Ingots

$$v_B = 0.25d_c \sqrt{\Delta t}$$
, sec (for brass) or

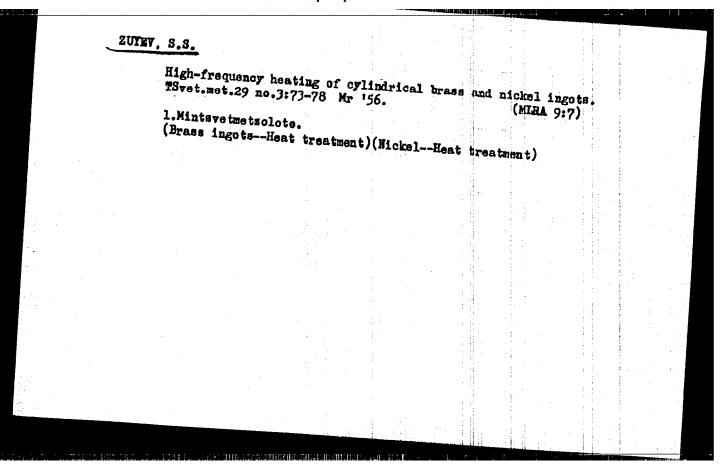
$$\tau_B = (d_c - 2) \Delta t^{0.3}$$
, sec (for mickel),

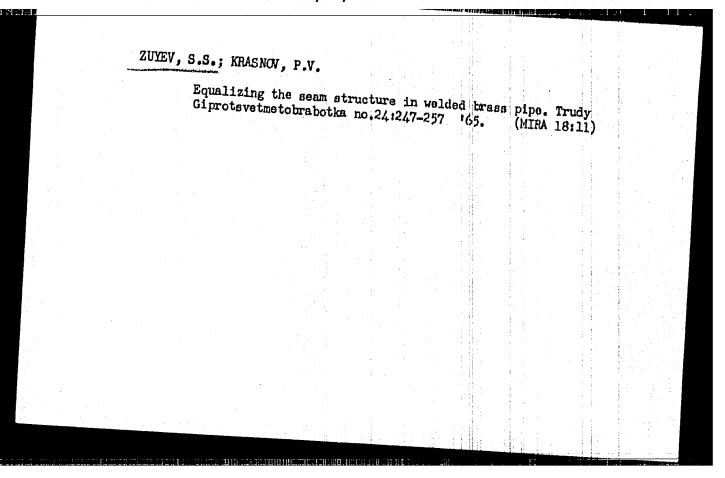
where τ_B is the time interval (sec) between the removal of the ingot from the induction coil and the start of the working operation, and dc is the diameter (cm) of the ingot; 2) The minimum induction heating time, 7n, is then calculated from the formula

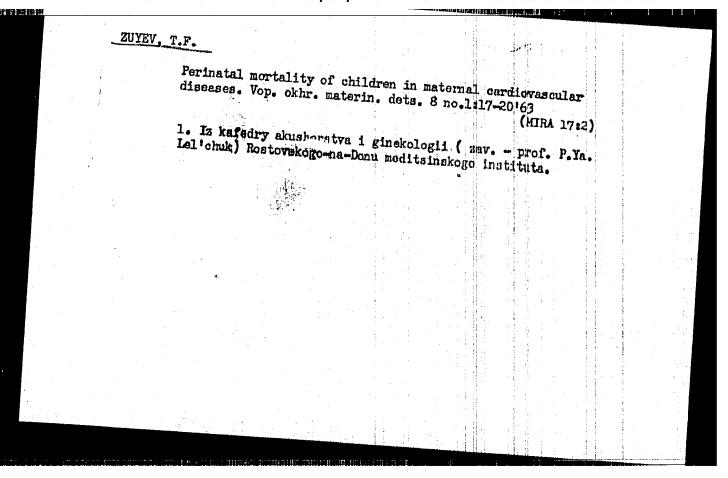
 $\left(\frac{\frac{dc}{9\lambda} + 3}{\frac{2}{9\lambda} + 3}\right)^2 \frac{tn}{9\lambda t}$

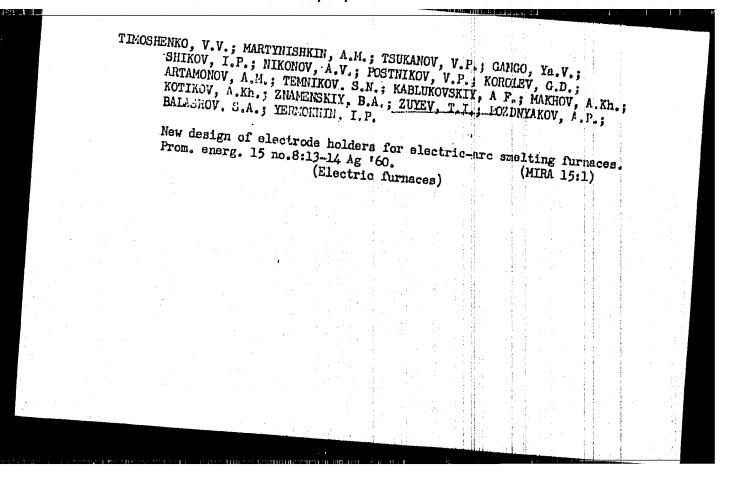
where λ is the heat conductivity coefficient (cal/cm sec °C), c is the specific heat (cal/g °C), γ is the specific gravity (g/cm³), and $t_n = t_p - \frac{1}{2} \Delta t$, t_p denoting the maximum temperature of the ingot surface; Card 2/3

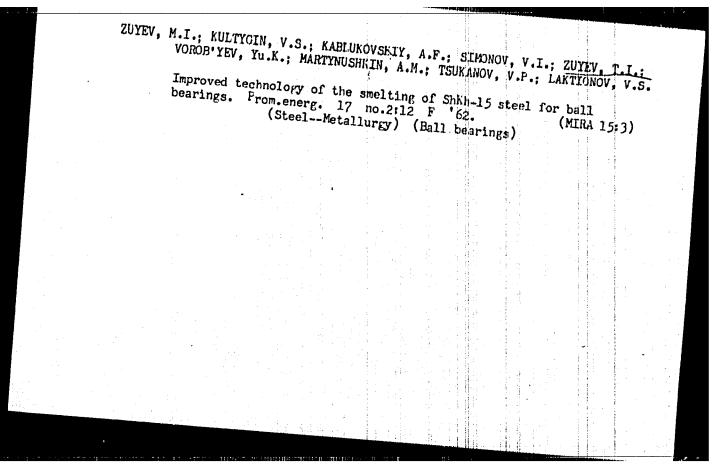
			WVINE LEE HOLE	trik of a fight	- i ii
•					
		Col			
		8/136/10	10		
Influence of the		8/136/60/00 E193/E183	0/08/004/0	008	
Heating of Non-	ne Duration of the large Ferrous Ingots	Hes +12 - 2			
3) Wh	rerrous Ingots	reactua CACI	e in Induc	tion	
from the number o	f the ingote has				
4) The known	f the ingots heated capacity of the equ ting of the general	i in one oper	ation in		
formula power ra	capacity of the equ ting of the generat	ilpment;	7,701 13	determined	
There are	o - one generat	or is calcul	Ated from		
There are 4 figu	res and 5 Soviet r		" "AGG TT-OW	the known	
Card 3/3	A DOATER L	eferences			
5414 3/3			1		
			∰r dilit		
	÷				1
			44 C C C C C C C C C C C C C C C C C C	11 1	











8/130/60/000/009/003/004 A006/A002

AUTHORS:

Simonov, V.I., Zuyev, T.I., Vorob'yev, Yu.K.

TITLE:

Intensified Melting in Arc Furnaces

PERIODICAL:

Metallurg, 1960, No. 9, pp. 19 - 20

TEXT: When melting [IIX15 (ShKh15)] ball bearing steel in electric arc furnamental and halding the reduction period and holding of the metal under carbide slag takes not less than one hour. Ferrochromium is added to the deoxidized metal 40 minutes after the onset of refining. The carbide slag is converted into white slag 10-15 minutes prior to teeming, and ferrosilicide lumps are supplied to the furnace. Prior to teeming the metal into the ladle, it is deoxidized with aluminum lumps (0.4 kg/tan). The total refining time is 1 hour 40 min - 2 hours 10 min. - A new method was developed to raise the efficiency of 20-ton are furnaces when melting ShKh15 steel without impairing the quality of the metal. This technology differs from the conventional method as follows: a) partial dephosphorization and melting of the charge are combined by adding lime and ore to the pool at the end of the melting period; b) sufficient degassing of the metal is ensured by a reduced carbon content at the be-

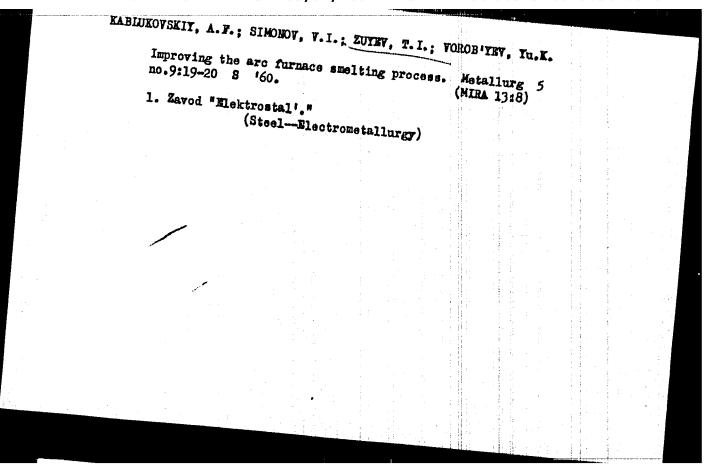
Intensified Melting in Arc Furnaces

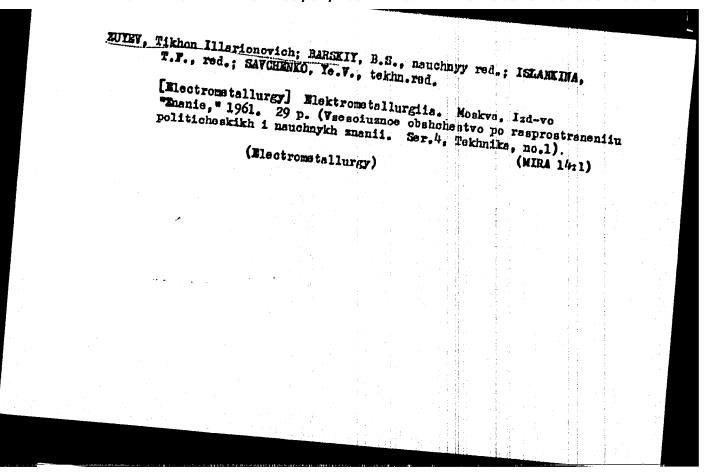
\$/130/60/000/009/003/004

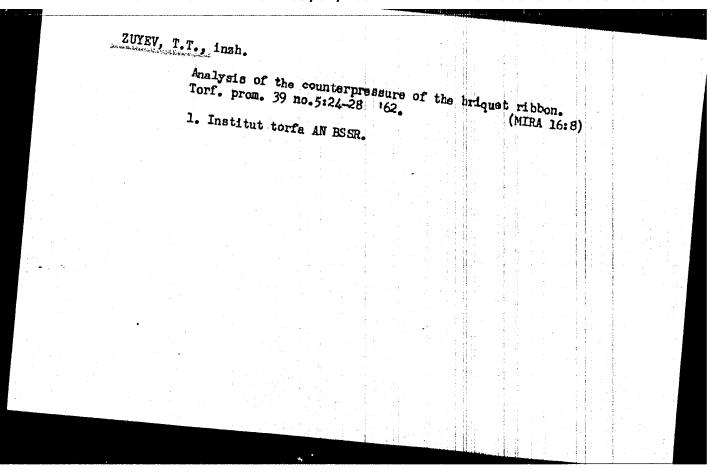
ginning of the oxidizing period and by removing not less than 0.30% carbon during bubbling; c) the metal is preliminary deoxidized at the end of the oxidizing period with refined cast iron containing 4.0 - 4.5% C. 8.0-10.0% Mn and not over 0.030% P in an amount of 7.5-12.5 kg/t; d) additional deoxidizing of the metal prior to the formation of reducing slag with silico-chromium lumps (5.0-6.0 kg/ ton) and aluminum (0.4 kg/ton); e) addition of the main portion of ferrochromium to the bare metal without preliminary diffusion deoxidation; f) deoxidation of the slag with coke powder and 75% ferrosilicide and final depxidation of the metal with aluminum lumps (0.5 kg/ton) prior to teeming; g) the total reducing time is The contamination of the metal in both cases was almost equal. The melting time with a fresh charge was reduced by 48 min; in remelting of waste it was reduced by 33 min i.e. by 15-19%. The average economy in electric power was 47 kwh/ton in remelting and 75 kwh/ton on a fresh charge, Presently the method is used for melting 12xH3A (12KhN3A), 18xHBA (18khNVA), 40x (40Kh), 3xI (EKNVG) 60C2A (60S2A) and other structural and instrument steels at the Elektrostal Plant. A table is given containing technical and economical data of experimental and conventional melts.

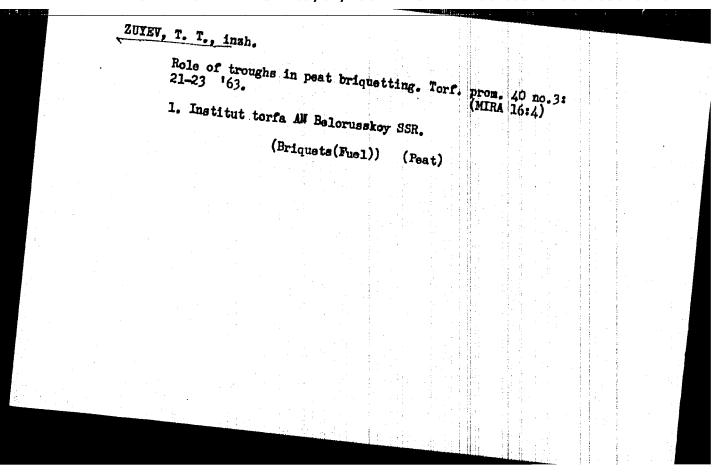
ASSOCIATION: "Elektrostal' zavod (Elektrostal' Plant)

Card 2/2









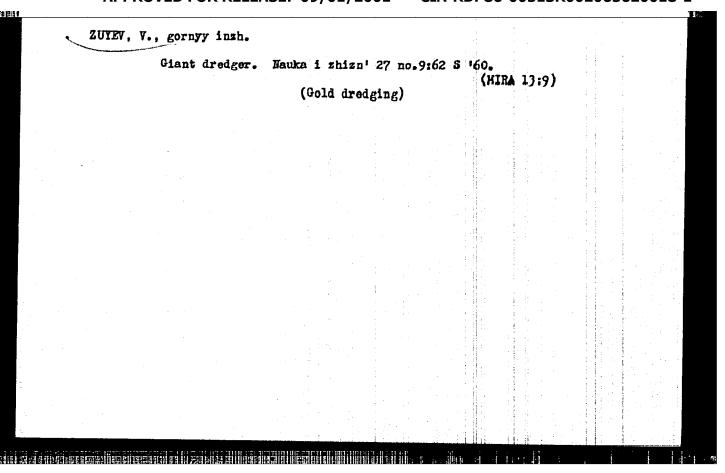
"Mechanization of loading and unloading operations in the transportation of agricultural products" by V.A. Goborman, L.A. Goborman, Reviewed by V. Zuev, A. Korn, V. Ivanov, Avt. transp. 40 no.5161 My '62.

(Farm produce—Transportation)

(Loading and unloading—Equipment and supplies)

(Goberman, V.A.)

(Goberman, L.A.)



107-57-3-41/64

AUTHOR: Zuyev, V. (Chita)

 $A(\mathbf{S}\mathbf{V}, \mathbf{\mu})$ A \mathbf{m} ರಲು: ೧೮ ರಾಜ್ಞ \mathbf{y} ಕಟ್ಟಿಯುಂಬಲ್ಲಿ

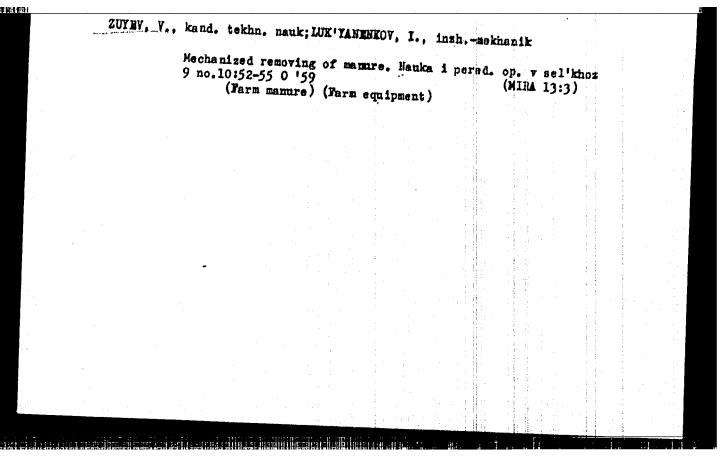
TITLE: Branding Inscriptions on Plastics. Experience exchange (Vyzhiganiye nadpisey na plastmassakh. Obmen opytom)

PERIODICAL: Radio, 1957, Nr 3, p 39 (USSR)

ABSTRACT: A device for branding inscriptions on plastics is suggested which consists of an electric soldering iron whose bit is sawed lengthwise, a character-bearing branding piece which can be inserted into the slit of the bit, and a brass bushing which serves to fasten the branding piece to the bit. There is one figure in the article.

Card 1/1

Vital activity of Communists. Grazhd.av. 18 no.8:6-7 Ag 61.
1. Zamestitel' nachal'nika Politicheskogo upravlenjya Grazhdanskogo vozdushnogo flota.
(Communist Party of the Soviet UnionParty work) (Aeronautics, Commercial)

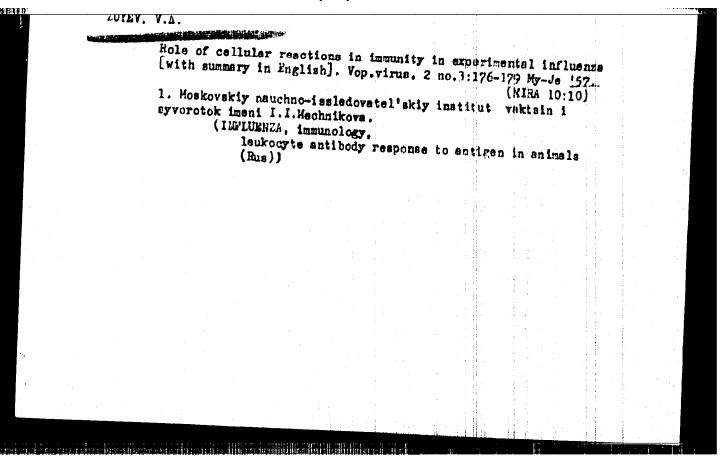


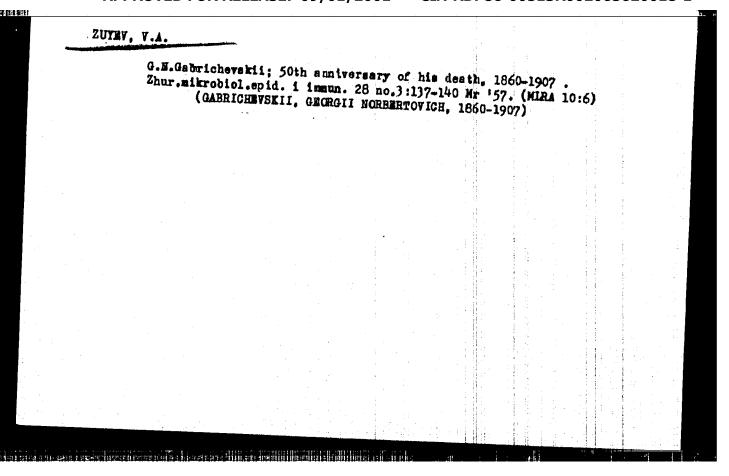
ZUYEV,	V. (P. C)	ita)							i.
	Burning	inscripti	lons into pla	stic. Radi	o no,	3:39 Mr	157.	10:5)	
			the state of the s	materials)			(HLRA	10:5)	
. ()									
	• •			ŧ					
			4 14 2		. !				
,		•							
			A Property						
e fight second of the second o					- 1				
					<u> </u>				

ZUYEV, V., inzh.-konstruktor
Important subject. Prof.-tekh. obr. 21 no.8:28-29 Ag '64.
(MIRA 17:9)

1. Otdel glavnogo mekhanika Moskovskogo avtozavoda im. I.A.Likhacheva.

OOD.	DEARS, D.M.; ZUYEV, V.A.;	TIMAKOY,	V.D.,	professor,	saveduyushchi	y i
	Effect of anytal-induced tal tetamus intoxication epid.i immun. no.8:65-66	i sleep or in white Ag 153.	the mice.	efficacy of Authorn'	serum therapy abstract. Th	of experimen- ur.mikrobiol.
	l. Kafedra mikrobiologii	. II Mosko	vskogo (Sleep	neditsins (Tetanu	kogo instituta s) (Serom the	
	A					





i die sais

ZUYEV, V.A., Cand Med Sci -- (diss) "Significance of cellular reactions in immunity in experimental managed." Mos, 1958, 11 pp (Min of Health USSR.

Control Enst for the Advanced Training of Physiciana) (KL, 23-58, 111)

GOL DFA	RB, D.M.; ZU	YEV, V.A	•		· ·			
	Phagolytic no.6:662-66	enzyma di	etooteble .	on solid cu	lture :	edia.	Vop.virus IRA 17:6)	
	1. Institut AMN SSSR, Mo	epidemio	ologii i mi	krobiologi	l imeni	N.F.	lamalei,	•
		·	. '					
	-							
								* * * * * * * * * * * * * * * * * * * *
and the second s								
The second secon		<u> </u>						

ZUYEV	, V.A.			
	Lytic reactions in	phage infections. Vest		
	62-73 163.	Pinge intections. Vest.	• AMN SSSR 18 no.12: (MIRA 17:7)	
	 Institut epidemi AMN SSSR. 	lologii i mikrobiologii	imeni N.F. Gamalei	

TIMAKOV, V.D.; GOL'DFARB, D.M.; FOMICHEV, Yu.K.; SKAVRONSKAYA, A.G.;

ZUYEV, V.A.

Antiphage and antibacterial activity of the antitumor preparations dichlorosthylamine and its derivatives. Vop. virus no.6:650-662 N-D '63. (MIRA 17:6)

1. Institut epidemiologii i mikrobiologii imeni N.F. Gamalei

AMN SSSR, Moskva.

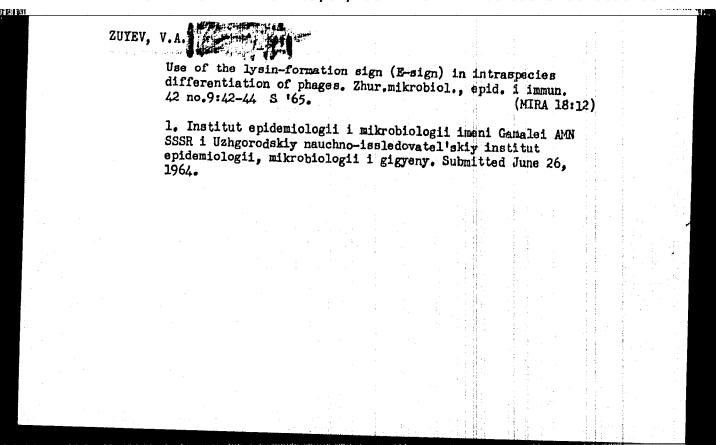
ZIL'BER, L.A., prof., red.; VERSHILOVA, P.A., prof., red.

ZUYEV, V.A., red.

[Current problems in immanology] Aktual'nye voprosy immunologii. Moskva, Meditsina, 1964. 359 p.

1. Deystvitel'nyy chlen AMN SSSR (for Zil'ber). 2. Chlenkorrespondent AMN SSSR(for Vershilova).

	GERSHAN	ovich,	V.N., E	eurd,	G.I.;	AN	DREY	EVA,	ı.v.	, zum	3 7 , 1	7.4.				-	
	E:	ffect o Mlactos	of phage sidase i Mr-Ap	T2 n Es	"ghost								le t O no	.2:	1 1		
			tut epi			i n	ikro	biol	agii	inemi	Gar	alei	(M	URA 229	18:7)		
	MC)GKV4.															
·						i			4.								
		÷ .	•													and the second s	
							:		!								•



ACC NRI AP7005204 SOURCE CODE: UR/0185/66/011/011/1176/1183 AUTHOR: Dmytruk, M. L .-- Dmitruk, N. L.; Zuyev, V. O .-- Zuyev, V. A. ORG: Institute of Semiconductors, AN UkrssR, Kiev (Instytut napivprovidnykiv AN URSR) TITLE: Surface photo-emf in semiconductors with short minority carrier lifetimes SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 11, no. 11, 1966, 1176-1183 TOPIC TAGS: photo emf, semiconductor carrier, minority carrier, carrier lifetime, ABSTRACT: This is a continuation of earlier work (Ukr. fizychn. zh. v. 11, no. 2, 1966) dealing with capacitive photo-emf in GaAs. In the present paper the authors consider theoretically the equivalence of surface photo-emf in semiconductors of this type, which have short minority-carrier lifetimes, and in which the carriers are subject to adhesion and the diffusion length is commensurate with the size of the spacecharge region next to the surface. The problem is solved in the linear approximation, with the potential approximated by a linear function of the coordinates. The distribution of the optically-induced addition to the carrier density, calculated for the typical case of GaAs, turns out to be nonmonotonic, with the majority carries having a Boltzmann distribution near the surface, but the minority carriers having a much more complicated distribution. The calculated value of the photo emf of the depletion layer turns out to depend less on the potential than in the case of Ge or 1/2 Card

		ors thank Profe Orig. art. has:					distribution of the contract o		for use-	
SUB COL)E: 20/	/ SUBM DATE:	'27Feb66/	ORI	REF:	007/	OTH REP:	004		
								,		
	•									
•	•									
							•			
•										
										
ard 2/	2									

ZUYRY,	V.A.; SAHOYLOVA,	T.P.; STHISHNO,	V.G.				
		electric combine no.1:29-32 56. (Combines (Agric		Biul. chinery	nauch,-tek (MIRA	1. po 10:9)	
			:				
							:
•			:				
4.							

BYSTRITSKIY, Dorien Maumovich; GGRSHKOV, Ye.M.; ZUTHY, V.A.; SMELIANIKIY,
V.A., spets.red.; SILIN, V.S., red.; BALLON, A.I., tekhn.red.

[Mobile electric power plants in agriculture] Peredvizhnye
elektricheskie stantsii v sal'skom khosisistve. Moskva, Gos.
izd-vo sal'khoz.lit-ry, 1960. 251 p. (MIRA 13:5)

(Electric power plants)

ZUYEV,	V.A. Zulav,	, v.o.]; SACHENKO,	A.V.; TOLFYGO,	C.D. (Telegi	be, K, B,]
	Kinetics of levels for 10 no.3:275	photoconduspivit minority currents -286 Mr 165.	y in sintegratud carriers on the	Core with the Coreace, dk:	
	1. Institut	poluprovednikov ,	AN PARCISE, Kiye	V	

	 Kinetics having t	of the prapping a 176-1186	photoconduct and recombi N 165.), A.V.; TOL tivity of t nation leve	hin semi la. Ukr	conductor fiz.zmir (MIRA	films . 10 18:12	
1.5	1. Insti-	tut polup	rovodnikov	AN UKrssr,	Kiyev.	Submitted	Dec	
	-29 -7 Cut	•						
			•					
					- 1		1341	基位 主
				1				
				*				
	 					The state of the state of		
							1	
							1.3	
								Hellien .
•								# 指於
						1		
					:			1.
							1,445	14.
								# 7%
			•				I list	
			•					Mestign -
							17月3日	
	 <u> </u>							1142

GOL'DIN, M.M.; ZUYEV, V.D.; PINUS, L.A.; FONOMARWY. V.F.;
CHERRYSHEV, V.Te.; LIKHIN, N.I., inzh., retaenzent;
YARKOV, A.M., inzh., red.

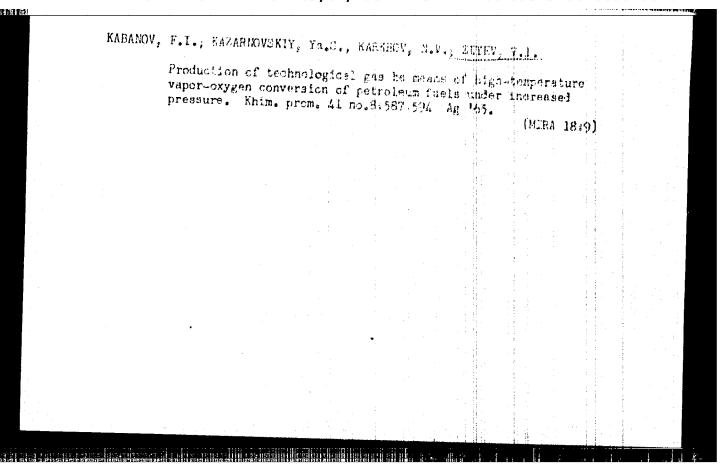
[Adjustment and operation of automatic lines composed of standard units; a handbook] Naladka i ekspluatatsiia avtomaticheskikh linii iz normalizovannykh uzlov; spravochnoe posobie. Moskva, Mashinostroenie, 1965. 443 p.

(MIRA 18:10)

ZUYEV, Vladimir Alaksayevich; PESTRYAKOV, A.I., red.; PEVZNER, V.I., tekhn. red.; OKOLELOVA, Z.P., tekhn. red.

[Mechanization of the removal of silage from storehouses]
Mekhanizatsiia vyemki silosa iz khranilishch. Moskva, Seltkhozizdat, 1963. 94 p.

(MIHA 17:1)



KAST ROW, Grant Bogdenovich; ZUVEV. V.I., retainment; RUMYLVICEV.

R.M., retainment; HULLHROW, This, Tod.

[Establishing production standards for woodpulp production]
Tekhnicheskoe normicovanie iselliulozane-bumashingo production]
stwa. Moskva, lesnaia prosychlemnent'. 1964. 198 p...

(MISA 1811)

KALYUZHNYY, I.T.; SIDOROVA, L.N.; BURMIN, L.; AKTAYEV, S.; TEPLITS, V.V.; ZUYEV, V.N.; POKROVSKAYA, T.I.; KOZHOMKULOV, T.A.; LAVROVA, N.N., prof., red.; ZUBOK, Ya.Z., tekhn. red.

[Read this, this is useful] Prochitai, eto polezno. Frunze, 1962. 10 nos. [Botkin's disease] Bolezn' Botkina. 19 p. [Communicable (infectious) diseases in children] Detskie zaraznye (infektsionnye) bolezni. 18 p. [Helminths and the harm they cause to human health] Gel'minty i ikh vred dlia zdorov'ia cheloveka. 26 p. [Work hygiene of the beet grower] Gigiona truda sveklovoda. 12 p. (Hygienic regimen of the schoolchild] Gigienicheskii rezhim shkol'nika. 24 p. [Fungus diseases of the skin] Gribkovye zabolevaniia kozhi. 24 p. [Prevention and treatment of cardiac and vascular diseases] Preduprezhdenie i lechenie boleznei serdtsa i sosudov. 19 p. [Prevention and treatment of rickets] Rakhit, ego preduprezhdenie i lechenie. 8 p. [Old age and longevity] Starost i dolgoletie. 14 p. [Vitamins and their significance for human health] Vitaminy i ikh znachenie dlia zdorov'ia cheloveka. 22 p. (MIRA 17:3)

AMDRIANOV, V.N.; BEYLIS, M.Ye.; BUDZKO, I.A.; ZAKHARIH, A.G.; ZLATKOVSKIY, POTARKOV, M.F.; SMIRNOV, P.V.S.; LISTOV, P.N.; NAZAROV, G.I.;

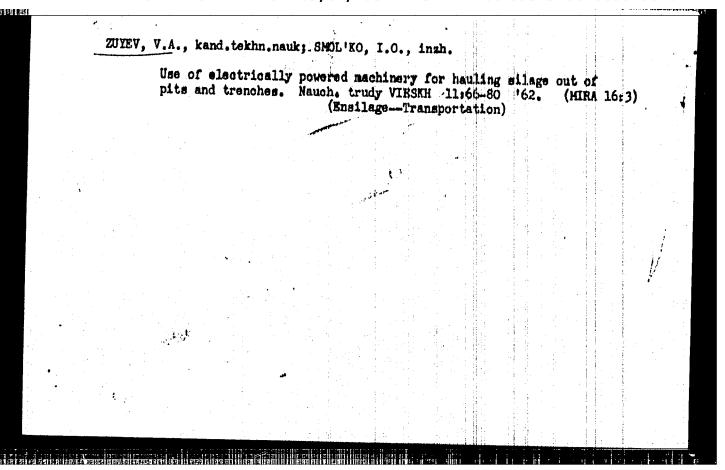
Nikolai Alekseevich Sazonov; obituary. Elektrichestvo no.5:
92-93 My '63. (MIRA 16:7)

(Sazonov, Nikolai Alekseevich, 1903-)

BLINKIN, Semen Aleksandrovich; ZUYEV, V.A., red.; KOKIN, H.M., tekhn. red.

[Methods of rapid bacteriological disgnosis of intestinal infections] Metody uskorennoi bakteriologicheiskoi dingnostiki kishechnykh infektsii. Monkva, Medgiz, 1963. 290 p. (MIRA 16:12)

(INTESTINES—MICROBIOLOGY) (INTESTINES—DISEASES)



GERSHANOVICH, V.N.; ZUYEV, V.A.; BUNINA, N.N.; KUZNETSOVA, N.V.; KATS, G.T.

Chemical nature and the mechanism of action of the succinic oxidase inhibitor from Trypanosoma cruzi. Biokhimia 27 no.2:252-259

Mr-Ap '62. (MIRA 15:8)

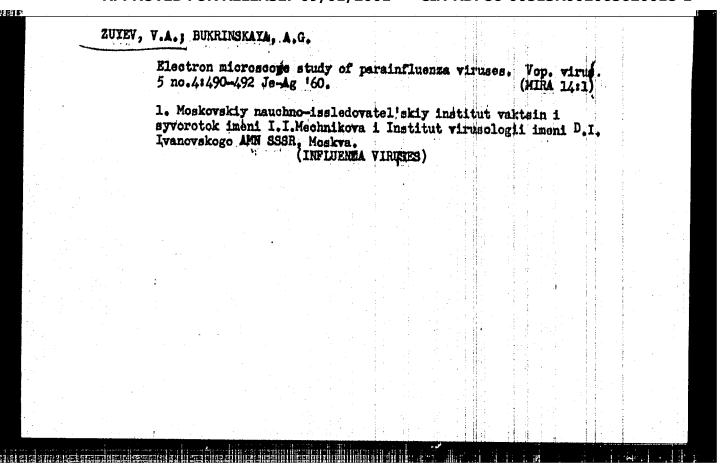
1. Institute of Vaccines and Sera, and the State Control Institute of Medical and Biological Preparations, Moscow. (SUCCINIC OXIDASE) (TRYPANOSOMA CRUZI)

	ZUYEV,	V.A.
		Conference on the results of the elimination of a localized outbreak of smallpox in Moscow in 1960. Zhur.mikrobiol. epid. 1 immun. 32 no.4:153-154 Ap '61. (MOSCOW-SMALLPOX)
•		
· · · · · · · · · · · · · · · · · · ·		
	•	

Using electric loading equipment for removing silage from pit and trench silos. Mekh. i elek. sots. sel'khoz. 19 no.6:23-25 'Gl. (MIRA 14:12)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut elektrifikatsii sel'skogo khozyaystva. (Ensilage)

(Electricity in agriculture)



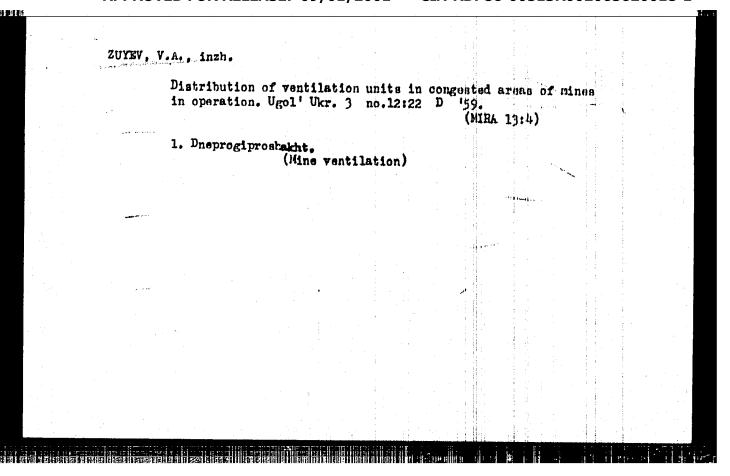
ZUYEV, V. A.

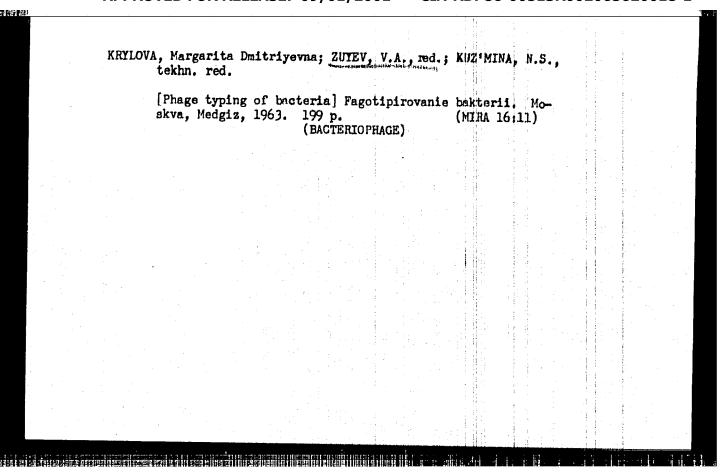
7 F 1 1

"Operating Data on the Self-Propelled, Electric Orain Combine." Cand Tech Sci, All-Union Sci Hes Inst for the Electrification of Agriculture, All Union Order of Lenin Acad of Agricultural Sciences imeni V. I. Lenin, Moscow, 1955. (KL, No 8, Feb 55)

SO: Sum. No. 631, 26 Aug 55-Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions (14)

	V.A., insh.; Cleaning of					1.4	4	no-12	119-2	0 1	160				
			_		1						HIRA	13:	12)	ŧ	
			• (Mine v	entil	ation)	1					:		1	
					- 1				1:	! !!					
**	, S	2	4.7							ΓA	1.4	!	1 1 24		
					1	. 7									
									1::	1	i .				:
					1			: 1	1:	1 4		1			
					1	1 - 1 - 1		1		10.0		:			
The second second												!			
					4.	1 1			14 1		7.5			į.	
						1 1							12.00		
	•					A 4.154			1				1 :	-	
										1					
						100		1				1			
						1000						- !			
							:			1					
									1:1	d'ai					
						141	:	' []	li					1	
			: *			. 11			13 (100
						. 4									
					, A		:		light of						
			. :		1		- 1	1		1 3			1		
					1			, 1		1		:			
									1.	1		ļ			
					1				1:-	1 4				1	
	it with a second						1			18 3		į	1	į	





THIN: E USSR/Virology - Human and Animal Viruses. Abs Jour : Ref Zhur Biol., No 1, 1959, 574 : Zuev, V.A. Author : Moscow Scientific Research Institute of Vaccines and Inst Sera : The Role of Cellular Antibodies in Grippe Immunity. Title : Tr. Mosk. n.-i. in-ta vaktsin i syvorotok, 1957, 9, Orig Pub 62-65 Abstract : No abstract. Card 1/1 - 10 -

SOV/118-59-4-17/25

AUTHOR:

Zuyev, V.A., Engineer

TITLE:

16794

Pneumatic Locomotives for Haulage

PERIODICAL:

Mekhanizatsiya i avtomatizatsiya proizvodstva, 1959,

Nr 4, pp 49-50 (USSR)

ABSTRACT:

Since it is prohibited to use electric locomotives in gaseous fan drifts, haulage under this condition is still not mechanized. In consideration of Western European practice, the author recommends the use of pneumatic locomotives. The Donetskiy filial Giprouglemasha (Donets Branch of the Giprouglemash) has designed a pneumatic locomotive which can pull eight 1 ton mine cars for 600 m with one charge. The pneumatic locomotive works on compressed air at 4 atm. The charging of the compressed air cylinders takes 3 to 4 minutes. Other pneumatic locomotives type "BVD-35" have been imported from Czechoslovakia to speed up the mechanization of haulage in fan drifts of gassy mines of the Tsentral'nyy rayon Donbassa

Card 1/2

Pneumatic Locomotives for Haulage

SOV/118-59-4-17/25

(Central District of the Donbass). The air compressor used is the "3PSK-380" (productivity - 200 cu m per minute; pressure phases - 5; surplus air pressure in the air pipe - from 175 to 200 atm; weight of the compressor plus equipment - 15,300 kg; power source - a synchronous motor of 320 kilowatts and 300 r.p.m.). The BVD-35 pneumatic locomotive has an adhesive weight of 9,000 kg; 6 compressed air cylinders (pressure - 175 atm.); range - 6 km; maximum tractive force - 1,500 kg (minimum from 500 to 700 kg; normal speed - 3 m per second; maximum speed 5 m per second. The Institut Dneprogiproshakht (the Dneprogiproshakht Institute) is planning to use pneumatic haulage for 3 mines of the Donbass kombinat "Stalinugol'" (the Donbass "Stalinugol'" Combine). There are 5 diagrams.

Oard 2/2

111174

ZUYEV, V. A.

USSR / Virology - Human and Animal Viruses.

E

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38214.

Author : Zuev. V. A.

Inst : Not given.

Title : Significance of Cell Reactions in Lumunity of

Experimental Influenza.

Orig Pub: Vopr. virusologii, 1957, No 3, 176-179.

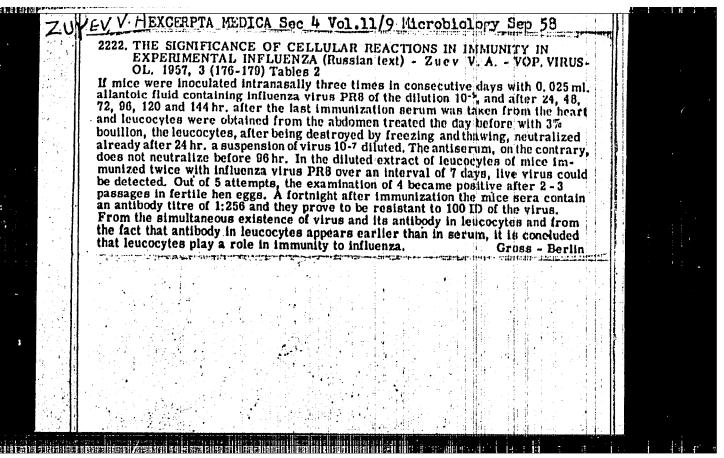
Abstract: A study was conducted on the capacity of leuco-

cytes to produce antibodies of influenza virus and toward phagocytosis. Antibodies appeared in leucocytes of immunized mice 48-72 hours earlier and at a higher titer than in blood serum. In leucocytes a virus was found which was absorbed in the immunization process and could be isolated from cells, evidently, due to

unstable combination with the antibodies.

Card 1/1

44



ANDRIANOV, V.N., doktor tekhn.nauk; BERSENNV, Ye.Ye., inzh.; BYSTRITSKIT, D.N., kand.tekhn.nauk; GRRBENNIKOV, A.F., kand.tekhn.nauk; GRRTSOV, N.A., kand.tekhn.nauk; ZIVER, J.A., kand.tekhn.nauk; KLIMOV, A.A., kand.tekhn.nauk; KOROLEV, V.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; KUDRYAVTSEV, I.F., kand.tekhn.nauk; OLEYNIK, N.P., inzh.; OSETROV, P.A., kand.tekhn.nauk; PODSOSOV, A.N., inzh.; POPOV, S.T., inzh.; PRISHCHEP, L.G., kand.tekhn.nauk; POHSIKIN, Yu.N., inzh.; RUBTSOV, P.A., kand.tekhn.nauk; RUNOV, B.A., kand.tekhn.nauk; SAVINKOV, K.P., kand.tekhn.nauk; SAZONOV, N.A., prof., doktor tekhn.nauk; SERGETEV, A.S., inzh.; SKVORTSOV, P.F., kand.tekhn.nauk; SMIRNOV, B.V., kand.tekhn.nauk; SMIRNOV, V.I., kand.tekhn.nauk; TYMINSKIY, Ye.V., inzh.; URVACHEV, P.N., kand.tekhn.nauk; SHTRURMAN, B.A., inzh.; SHCHUROV, S.V., kand.ekon.nauk; RUNOVA, L.M., inzh.; VOL'FOVSKAYA, D.N., red.; NIKITINA, V.M., red.; BALLOD, A.I., tekhn.red.

[Manual on the use of electric power in agriculture] Spravochnik poprimenentiu elektorenergii v sel'skom khoziaistve. Moskva, Gos. izd-vo sel'khoz. lit-ry, 1958. 606 p. (MINA 11:5) (Electricity in agriculture)

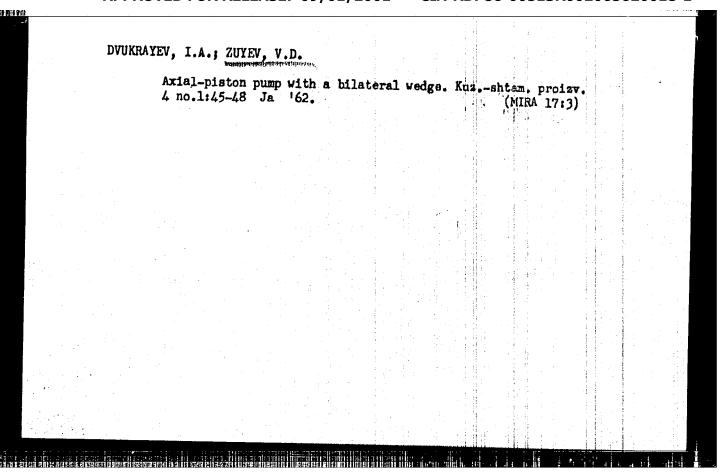
ACC NR. AP5028920 44,55 941 5 5 14.55 46, 55 AUTHOR: Zuyev. V. A.; Sachenko. Y: Teliblie. I. Tolloygo, к. в. 69 44,55 ORG: Institute of Semiconductors, All UkrSSR (Instytut napivprovidnykiv AN UkrSSR) 21,44,55 TITLE: Kinetics of photoconductivity of thin semiconductor layers having surface levels of attachment and recombination SOURCE: Ukrayins'kyy fizychnyy zhurnal, v. 10, no. 11, 1965, 1176-1186 TOPIC TAGS: photoconductivity, semiconductivity, semiconductor carrier, relaxation process ABSTRACT: An investigation was made of the photoconductivity of a memiconductor of finite thickness having attachment and recombination levels by the surface. A general expression for photoconductivity o was derived, with the aid of which the dependence of o on the absorption coefficient and the frequency can be phtained. In deriving o the following assumptions were made: 1) the impurity semiconductor is of the n-type and its donors are totally ionized. There is no attachment in the volume and the nonequilibrium carriers are characterized by the volume lifetime v. 2) In the region of volume charge the distribution of carriers is of quasi-Boltizman type. 3) The ddditional concentration of holes p_1 in the essential region $x \sim (2-3)$ L_p considerably exceeds equilibrium po. The cases of sinusoidal, rectangular, and deform modulation 1/2 Card

-			- 1 ()				
÷ !	ACC NRi AP5028920			The state of the s	*************** *		
	of light were considered conductivity was obtained in a limiting case of a photoconductivity is more photoconductivity decreased is known, the rate of a carriers of the levels monoexponential. For a tions of photoconductivithe volume and on the a photoconductivity. The seconductivity.	fast exchange of the lease is the lease is the lease recommender of the lease recommended with consideral styrelaxatic	ge of surf l. In this ifetime of bination S bole, the re one surface on. One ch	ace levels to case the case the can be determined their level their laracterizes	with bands, to characterist; llibrium carrier ermined. Who photocondus e are two es the carries	neence shows the relaxation of the riers. If telf in the lifetime tivity is not ponential sec-	of
	The same of the B	uriace, and t	ine other	s linked wi	th the monor	oler nart of 43	211
	photoconductivity, The	econd gantia	10 aan b			bot a AT M	ue : mai
	photoconductivity, The	econd section level. Original	on can be a	ttributed t	the captur	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity, The	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface SUB CODE: 20/ SUBM DAY	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	
	photoconductivity. The scarriers of the surface	level. Orig	. art. has	: 3 figure	es and 36 for	e of minority	

GOL*DFARB, D.M.; ZUYEY, V.A.; GERSHANOVICH, V.N.

Phage reproduction in spheroplasts of Escherichia doli produced with the help of lytic enzyme of the phage 12. Mikrobiologiia 34 no.42648-652 Jl-Ag *65. (MIPA 18:10)

1. Institut epidemiologii i mikrobiologii imemi N.F.Gamalei AMN SSSR.



KUZNETSOV, M.M.; SHASHKIN, A.S.; ZUYEV, V.N., inzh., retsenzent;
KUNIN, P.A., inzh., red.

[Operation and adjustment of hydraulic systems of machine tools] Ekspluatatsiia i naladka gidrosistem metallorezhushchikh stankov. Moskva, Mashinostroenis, 1965. 339 p.

(MINA 18:4)

ZUYEV, Vasiliy Fedorovich, akademik; RAYKOV, B.Ye., redaktor; FIALKINA, G.A., redaktor; SHAPOSHNIKOVA, A.A., redaktor; GARNEK, V.P., tekhnicheskiy redaktor

[Pedagogical works] Pedagogicheskie trudy. Red., vstup.stat'ia i kommentarii B.E.Raikova. Moskva, Izd-vo Akademii pedagog. nauk, 1956. 146 p. (HIRA 9:10)

1. Deystvitel'nyy chlen Akademii pedagogicheskikh nauk RSFSR (for Raykov)

(Nature study)

7	UYEV	/	V . (5.		The man the second seco		
	3	304/72-56-12-22/23	setallor) 1552)	ingrefacers oblastings icanonis arrivingly hybridal Society of the hity scarachas (Geningrad hity schoological institute issu- ice isological institute issu- ice isological institute issu- ice isological institute issu- ice part is the conference ices part is the conference ices part is the conference ices for mainterities, inter in icaningraf, Socrety interior icaningraf, Socrety icaningraf,	tied on the influence of SIM fartures of Silicate SIM (Lattures of Silicate reseat according to their seasels according to their ne survey of farsign libra- halitat senierncy technics phages register of technics fails of a corona discharge itsid of a corona discharge me (Lagassing) Technica	unce and in this fictory. y lastinut (Trail-stat) y lastinut (Trail-stat) y lastinut of interaction lastinut of New Series m of the state of First makery of the 13 Ultrail allose onto a feet- makery of the ballons.	organization and the same and the same and the same of the solutions and solutions and selection of the solutions and solutions and solutions and solutions are solutions are solutions.	
		1.7.	Canterman on Basale and Metal Baseling (Soveathelandys po easiyns a semilerowally setallor) Statle i karatin, 1956, Hr 12, pp 47-48 (USE)	The expanients of the emainment propagatements institutively manness-tabinities of the contractor propagatements in structurally manness-tabinities and members of contractor of the manness of the contractor of the manness of the contractor of the	process and process and process are processed to the influence of for 1 interpret and operations of for 1 interpret and operations of for 1 interpret and operations of consistency of interpret of the interpret	of now types of ememled steal pro- siliation, they best positively the similar of man entropy of seconds. Salimar, Srail said seconds. Said of Salimar, Srail said seconds. Said of Tow (West 'saiy Said thing Reserted. Tow (West 'saiy Said thing Reserted. Townstirm of the seconds of the remaining transfer of the seconds of the remaining the transfer of the seconds of the remaining the two the new said of detaining the factorisms.	French Villa-Transformers of the street of t	
		Pargin, V.V.		De expensive de la constant de la co			Fig. 19.	:
		15(2)	TITLE:	PREPOCE	3) NO 32 NO		3	

DOV/72-54-12-22/2) 11et (dettin Siste 11ted prime enseit Smitary Rainese- tion on some pre- were glavan mere glavan mere glavan mere glavan mere glavan tion dettinn, tion seriem of cuides	of the prince of	A differ of terminal files for Plance Econo, free for Plance Econo, free Free economics free free economics fre	
ital Banaling itylykly genederstwamyy univers perfect on the investigation of fr itim. Scientific Benearch Institute of He influence of chainted composity It fearous the febraical composity It fearous the febraical composity in parameter the febraical composity or on an algority repers to algority colored sations to the investigation of a spicus on the investigation of a spicus on the investigation of a spicus of Pallicohalical Institute of	L. Asserve on sea solide of ensate lasting, and on the hallunce of from critics on the pyrine-crisating properties of the prize out. V. L. Asta on the imperiance of the gre place in the burning process G. L. Chiebers on perspate commals. [6.1. Chiebers of berephts commals. [6.1. Delyrer of the Impropertors Chestel-freehoolegical lastitute chief. Podrewine of the purpopertors of the physics of the compassion of the chief. G. L. Bellyrer of the compassion of preparities of prize assemble. In the latter of the compassion of the preparities of prize assemble. In the chief of the compassion of the compassion of the chief of the chie	Take the second of the second	
D. C. Pankh, L. C. Pankh, L. C. Pankh, L. C. Pankh, L. C.	of from oxides of the oxides of the factor oxides o	T.J. Obelia Per marginal de la Company de la	

\$/276/63/000/002/030/05/2 AUS/2/AUZ6

AUTHORE:

Tsozik, 7.P., Menathivin, 7.A., and Huyev, 4.2.

MITLE:

Machine for mechanized enamel-dlip application to stool

objects

PERIJDICAL:

meferativnyy zhurnal, Mekhmologiya mashinostroyeniya, no. 2, 1405, 197, mostract 28945 (3b. rabot k.-i. in-ta tekhnol. mashinostr. Sovnarkhoz Hostovsh. enon. aan, r-na, no. 1,

1960, 9-151

TEXT: An experimental mechanized merry-go-round type installation for enamel-slip application is lescribed on which a simultaneous progressive and rotary motion of workpieces is realized. In the process of progressive motion the workpieces are dipped into a both with slip. The number of reversing turns is controlled by means of a pulse-counting relay and the speed of the carriage and rotational speed of corkpieces are controlled by chokes bounted in the remember of system. The slip application trolled by chokes bounted in the remember of its excess into the bath take to the workpiece surface and the runoff of its excess into the bath take place under constant press; so dittions securing high-quality products.

Jard 1/2

Machine for mechanized ...

5/276/63/000/002/030/052 A052/A126

hollow objects of various configuration. The advantages of the installation are: the possibility of a simultaneous enamel application to the inside and outside surfaces of an object, reduction of the primary coat thickness to 0.1-0.11mm, reduction of the covering enamel layer to 0.2 - 0.22mm, improvement of quality, increase of efficiency by over 10%. The possibility of incorporating the installation in a mechanised line for steelware enameling 3.20mm maximum size of pieces) is stressed.

- Kammonskiy

Abstracter's note: Complete translation.;

Card 2/2

M

U39R/Cultivated Plants. Fruit Trees. Smll Fruit Plants.

Abs Jour: Ref Zhur-Diol., No 17, 1958, 77829.

Author: Zuyev, V. I.

Inst

48440

: Non-Root Feeding of Apple Trees in Murseries. Title

Orig Pub: Sad i ogorod, 1956, No 6, 75.

Abstract: Yearly spraying of young apple tree sets, once

a month, with a mixture of aqueous solutions of 5% Pc and 0.75% Nnn for the Rennet Simirenko variety and 1.5% for the Rozmanin variety, conducted by the Department of Fruit and Vegatable Growing of the Tashkent Agricultural Institute in nurseries and the training-experimental farm in 1952-1954, caused an increase of the number of stem shoots on the trunk, thickening of the

: 1/2 Card

137

USSR/Cultivated Plants. Fruit Trees. Small Fruit Plants. M

Abs Jour: Ref Zhur-Biol., No 17, 1958, 77829.

trunk by 1.5-1.6 rm and growth of the set by 12-15% in height. -- A. P. Shcherbakov.

Card : 2/2

1611

000/010/025/082 D222/D301

9,7140 (also 1147)

AUTHOR:

Zuyev, V.I.

TITLE:

Problems in the development of a magnetic drum

storage unit with accelerated readout

PERIODICAL:

Referativnyy zhurnal. Avtomatika i radioelektronika,

no. 10, 1961, 29, abstract 10 B188 (V sb. Vychisl. tekhnika, M., Atomizdat, 1960, 24-36)

TEXT: Methods of reducing the readout time in magnetic drum storage units are considered. The method of "rigid" allocation of data requires the programmer to allocate the words on the drum in such a way as to ensure a minimum access time. Because of the complexity of programming this method is not used. The method of multiple access during one revolution enables the reading of instructions and recording of the results, obtained during the previous revolution, to be carried out. A circuit applicable for three and four address instruction systems is given. The disadvantage of this sys-

Card 1/2

31825 S/194/61/000/010/025/082 D222/D301

Problems in the development ...

tem compared with the usual one is the increased amount of electronic hardware. A method considered in more detail is the application of several blocks of heads (BH method). Around the drum along the generating elements six BH's are arranged, with 74 heads in each block. Writing is carried out by one block. The remaining five are for reading. The read-write circuits are controlled by a count start track synchronizing the pulses, and six word start tracks (one for each BH). Words containing numbers or instructions are recorded along the circumference of the drum sequentially. The selection of any of the 64 heads of a recording pr reading block.

Abstracter's note: Error in original, read block instead of drum is executed by a matrix circuit. The BH selection circuit ensures that the word is read by the block which is nearest at the time of the instruction. The circuit contains about 200 valves. 6 figures.

Abstracter's note: Complete translation

Card 2/2

16160

ALEXPEROY, V.P., inzh.; ATOVMYAN, I.O., inzh.; ZUYEV, V.I., inzh.; KAVUN, Ye.S., kand.tekhn.nauk; KOGAN, B.Ys., kand.tekhn.nauk; KOPAY-GOHA, P.N., kand.tekhn.nauk; KULAKOV, A.A., inzh.; LEBEIBEV, A.N., kand.tekhn.nauk; PAPERNOV, A.A., doktor tekhn.nauk; PER POR, D.S., doktor tekhn.nauk; PLOTNIKOV, V.N., kand.tekhn.nauk; HUZSKIY, Yu.Ye., kand.tekhn.nauk; SOLODOVNIKOV, V.V., doktor tekhn.nauk; TOPCHEYEV, Yu.I., kand.tekhn.nauk; ULAHOV, G.M., kand.tekhn.nauk; SHRAMKO, L.S., kand.tekhn.nauk; DOBROGURSKIY, S.O., doktor tekhn.nauk, retsenzent; KAZAKOV, V.A., kand.tekhn.nauk, retsenzent; PETROV, V.V., kand.tekhn.nauk, retsenzent; KHAVKIN, G.A., inzh., retsenzent; SOLODOVNIKOV, V.V., prof., doktor tekhn.nauk, red.; VITENBERG, I.M., kand.tekhn.nauk, nauchnyy red.; MCEDAVER, A.I., kand.tekhn.nauk, nauchnyy red.; KHETAGUROV, Ya.A., kand.tekhn.nauk, nauchnyy red.; FOLYAKOV, G.F., red.izd-va; KONOVALOV, G.M., red.izd-va; SOKOLOVA, T.F., tekhn.red.

4.754 BR

[Fundamentals of automatic control] Osnovy avtomaticheskogo regultrovanita. Vol.2. [Elements of automatic control systems] Elementy sistem avtomaticheskogo regulirovanita. Pt 2. [Compensating elements and computer components] Korrektiruiushchie elementy i elementy vychislitel'nykh mashin. Moskva. Gos.nauchno-tekhn. izd-vo mashinostroit.lit-ry. 1959. 453 p. (MIRA 12:4) (Automatic control) (Electronic apparatus and appliances) (Electronic calculating machines)

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R002065620018-1"

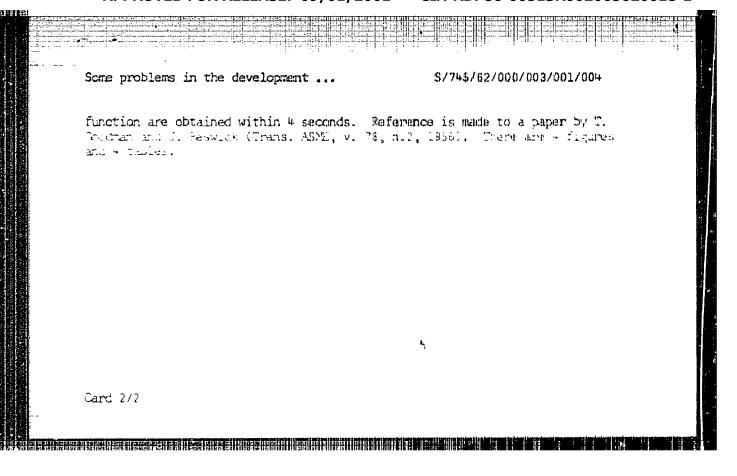
\$/745/62/000/003/001/004

ALITHOR: Zuyev, V. I.

RIFILE Some problems in the development of a special-purpose computer for the permission of the dynamic characteristics of autimatic control patents.

5.1911. Oscaw. Inzhenermo-fizichesniy institut. Vydhuslitelinay tekhnika. no. 3. 1362. 5 - 11.

A computer is proposed for the evaluation of the input-output dorrelation is a second and of the input autocorrelation function, and from them the transfer function of an automatic control system, such that the input of the evaluation of an automatic control system, such that the input of the evaluation of an automatic control system, such that the input of the evaluation of a second is a second in the input of the evaluation of a second in the evaluation of a second in the evaluation of a second in the evaluation of evaluation of the evaluation of the evaluation of the evaluation



USSR/Cultivated Plants. Potatoes. Vegetables. Melons

Abs Jour: Ref Zhur - Biol., No 1, 1958, No 1578

Author: V.I. Zuyev
Inst: Not Civen
Title: Cultivation of Vegetable Cultures in Colodnaya [Hungry]

Orig Pub: Sots. s.kh. Uzbekistana, 1957, No 5, 66-68

Abstract: No abstract

Card: 1/1

ZUYEV, VI

PHASE I BOOK EXPLOITATION

SOV/4651

Moscow. Inzhenerno-fizicheskiy institut

Vychislitel'naya tekhnika; sbornik statey (Computer Technique; Collection of Articles) Moscow, Atomizdat, 1960. 54 p. 2,500 copies printed.

Sponsoring Agencies: Ministerstvo vysshego i srednego spetsial nogo obrazovaniya RSFSR; Moskovskiy inzhenerno-fizicheskiy institut.

Resp. Ed.: Ya.A. Khetagurov, Candidate of Technical Sciences; Tech. Ed.: S.M. Popova.

PURPOSE: This collection of reports is intended for technical personnel working with computers.

COVERAGE: The collection contains reports dealing with some problems of computer technique. The reports of I.O. Atovmyan, V.I. Zuyev, and G.N. Solov'yev discuss various problems concerning a general-purpose discrete-action computer which was designed and is presently under construction at the MIFI, Moskovskiy inzhenerno-fizicheskiy institut (Moscow Engineering Physics Institute). The reports of Ya.A. Khetagurov, I.M. Vitenberg and Is.P. Zhidkov examine other technical problems of computer design. There are no references.

-Oard 1/4

APPROVED FOR RELEASE: 09/01/2001 CIA-RDP86-00513R002065620018-1"

. Tanggaran mengapangan mengenangan pengapangan pangan pangan pangan pangan pangan pangan pangan pangan pangan p

Computer Technique (Cont.)

事務は 製料

SOV/4651

37

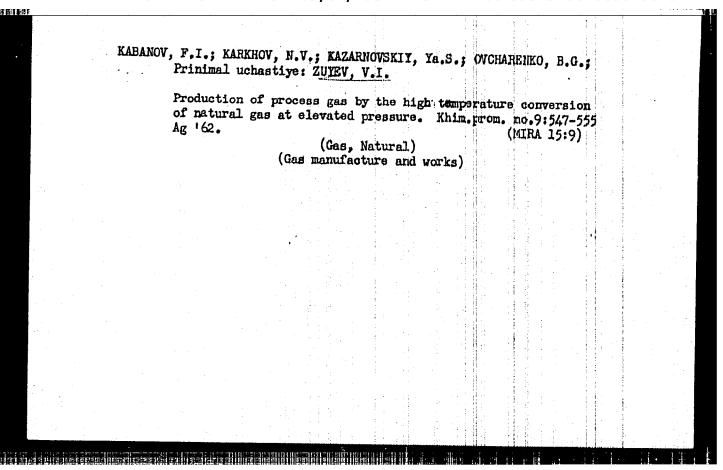
Zuyev, V.I. Problems in the Development of Memory Systems Using a Magnetic Drum With an Accelerated Access

The author describes several methods of accelerated accesses from a memory system using a magnetic drum. He considers the following methods as the most important: (1) "rigid" spacing of data on the drum; (2) multiple conversion during one turn of the drum; and (3) reduction of the storage cycle by using

Vitenberg, I.M. Some Problems in Designing Control Circuits of Automated Electrical Analogs

After describing the purpose and functions of modern electrical analog systems, the author discusses the role of automated electrical analogs in linear and non-linear programming, and also in the control of industrial processes. The development of all-purpose and specialized automated electrical analogs and their elements has been conducted under the author's (Scientific Research Institute of Computers) and in the Moseow Engineering Arkhovskiy and others.

Gard-3/4.



建设建筑和

ZUYEV, V. I., CAND AGR SCI, "PECULIARITIES OF POTATO CROPS ON THE SALINE SOILS OF GOLODNAYA STEPPE." STALINA-BAD, 1960. (ACAD SCI TADZHIK SSR, DEPT OF AGR AND BIO SCI). (KL, 2-61, 215).

-216-

LUYEY, V.1.

USSR / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour

: Ref Zhur - Biologiya, No 13, 1958, No. 53739

Author

: Zuev, V. I.

Inst

: Tashkent Agricultural Institute

Title

: Extra-Root Top Dressing of Fruit Seedlings

Orig Pub

: Tr. Tashkentsk. s. kh. in-t, 1957, vyp 8, 23-26

Abstract

Three year long experiments showed the expediency of extra-root top dressing of apple tree spedlings by NPK. A 0.7-1% solution of Nag and 3-5% solution of the aqueous extract of P_O, mixed in equal amounts, were used. This spraying was applied once a month. The growth of the extension sprout increased by 22-27 cm (112-117%). In the growth of the lateral sprout was noticed an increase of 6-12 cm. The thickening of the stem was also observed. -- M. D. Deulina

Card 1/1

	ı	ZU 3	ŒΥ,		Pnol		na ^	071 <i>04</i>	mmi.	na f	he 4	dave	lan	an+	of	a ine	BATT	das	rl oe	1407	ner			
					a ma 24-1	igne 36	tic '60	dru •					lopm rated emory	:"	1.0		1			(MLR	no.	1: 5:3)	i de la companya de	
																	The second secon						· · · · ·	
															A series of the									
									i i														# *** *** ***	
					1	•																		
•		•												**************************************										
				•	÷															A COLUMN TO THE PARTY OF THE PA			•	